



PTO/SB/08A (10-01)
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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	10/693,600	
			Filing Date	10/23/2003	
			First Named Inventor	Hartman et al.	
			Art Unit	2834	
			Examiner Name	Unknown	
Sheet	1	of	1	Attorney Docket Number	20012.01.CIP

U.S. PATENT DOCUMENTS**					
Examiner Initials*	Cite No. ¹	Document Number	Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
1/1	AA	US-6,472,846	10/29/2002	Becker et al.	
1/1	AB	US-2001/047,515	11/29/2001	Scott P. Schreier	

**Copies of the cited U.S. patents and U.S. published patent applications are not enclosed pursuant to the Official Gazette Notice of August 5, 2003 stating that Information Disclosure Statements may be filed without copies of U.S. patents and published applications in patent applications filed after June 30, 2003.

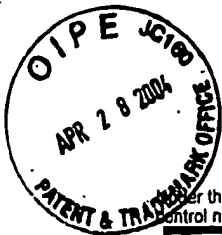
FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)			
1/1	AC	CA-2,265,149	5/12/2000	John Edward Hutchinson	
1/1	AD	GB-2,380,540	4/9/2003	John Edward Hutchinson	
1/1	AE	GB-2,371,155	7/17/2002	Pierre Becker et al.	
1/1	AF	WO-02,052,692	7/14/2002	Pierre Becker et al.	
1/1	AG	WO-0118,525	3/8/2001	Pierre Becker et al.	
1/1	AH	WO-89/31783***	6/24/1999	Hutchinson et al.	

***This document is an equivalent of GB-2,332,268 filed in Great Britain on 12/15/1997.

Examiner Signature	<i>[Signature]</i>	Date Considered	08/23/04
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*Enter Office that issued the document, by the two-letter code (WIPO Standard ST 3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. *Applicant is to place a check mark here if English language Translation is attached.
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Substitute for form 1449A/PTO Supplemental INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				<i>Application Number</i>	10/693,600
				<i>Filing Date</i>	10/23/2003
				<i>First Named Inventor</i>	Hartman
				<i>Art Unit</i>	2834
				<i>Examiner Name</i>	Unknown
				<i>Attorney Docket Number</i>	20012.01.CIP
Sheet	1	of	3		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
IM	AA	6,380,711	04/30/2002	Fischer et al.	
	AB	6,291,900	09/18/2001	Tiemann et al.	
	AC	6,236,118	05/22/2001	Vasija et al.	
	AD	6,133,642	10/17/2000	Hutchinson	
	AE	6,034,492	03/07/2000	Saito et al.	
	AF	5,949,215	09/07/1999	Takakura	
	AG	5,917,310	06/29/1999	Baylis	
	AH	5,905,359	05/18/1999	Jimena	
	AI	5,644,207	07/01/1997	Lew et al.	
	AJ	5,630,155	05/16/1997	Karaki et al.	
	AK	4,555,856	11/26/1985	Ryan	
	AL	4,360,860	11/23/1982	Johnson et al.	
	AM	3,633,106	01/04/1972	Willis	
	AN	1,368,700	02/15/1921	DeVitt	
	AO	1,131,063	03/09/1915	Klemmer	
	AP	4,227,092	10/1980	Campagnuolo et al.	
	AQ	5,496,236	03/1996	Taylor, Douglas B.	
	AR	5,204,569	04/1993	Hino et al.	
	AS	5,418,415	05/1995	Ishizaki, Akira	
	AT	4,701,835	10/1987	Campagnuolo et al.	
	AU	4,360,860	11/1982	Johnson et al.	
	AV	4,703,188	10/1987	Gottfried, Mario H.	
	AW	5,442,972	08/1995	Hoover, Irvin	
	AX	5,618,104	04/1997	Mulenburg et al.	
✓	AY	5,880,532	03/1999	Stopher, Robert D.	

...	Copies of the cited U.S. patents and U.S. published patent applications are not enclosed pursuant to the Official Gazette Notice of August 5, 2003 stating that Information Disclosure Statements may be filed without copies of U.S. patents and published applications in patent applications filed after June 30, 2003.
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³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449/PTO				Complete if Known	
				Application Number	10/693,600
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Filing Date	10/23/2003
				First Named Inventor	Hartman
				Art Unit	2834
				Examiner Name	Unknown
				Attorney Docket Number	20012.01.CIP
Sheet	2	of	3		

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)					
1P ↓	AZ	GB 2304208		03/12/1997	Baylis Generators Ltd.		
	BA	DE 20008135 U1 (Abstract)		09/09/2000	Liang		
	BB	DE 2839347 A1		03/1980	Binder et al.		
	BC	DE 3630843 A1		03/1988	Harm et al.		
	BD	JP 1020373 A		01/1998	Sato et al.		

+++	Copies of the foreign patent documents are not enclosed. Copies of these documents were either cited by the USPTO or provided with the Information Disclosure Statements filed with prior U.S. Application No. 10/226,373 filed on August 21, 2002.
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Substitute for form 1449B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/693,600
				Filing Date	10/23/2003
				First Named Inventor	Hartman
				Art Unit	2834
				Examiner Name	Unknown
Sheet	3	of	3	Attorney Docket Number	20012.01.CIP

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	1 ²
IM	BE	HARTMAN, A., LORIMER, W., "Cogging Torque Control in BLDC Motors", Proceedings Incremental Motion Control Systems and Devices, July, 2000.	
	BF	Byrnee, Hugh J., "Batter Chargers and Hand Crank Generators", 21 st Annual Proceedings Power Sources Conference, May, 1967.	
	BG	Bovitz, R.S., "Development of Generator Direct Current G-63 and G-67 (Hand Cranked)", Contract DAAB07-70-C-0075, US ARMY Electronics Command, May, 1972.	
	BH	Widiner, K.J., "Development of Generator Direct Current G-63 (Hand Cranked)", Contract DA28-043-AMC-01605(E), US ARMY Electronics Command, May, 1967.	
	BI	Fischetti, Mark. "Crank It Up!" Scientific American: Working Knowledge: Crank It Up! August 2001. Found at: http://www.sciam.com/ .	
	BJ	"Motorola unveils windup charger for cell phones." 2002 Associated Press. Found at: http://www.msnbc.com (January 15, 2002).	
	BK	Ogando, Joseph. "No charge? No Problem." September 9, 2002. Design News Product Design Online. Found at: http://www.manufacturing.net/DN/index.asp?	

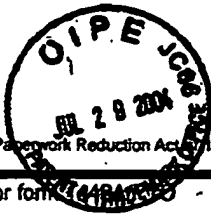
...	Copies of the non-patent literature documents are not enclosed. Copies of these documents were provided with the Information Disclosure Statements filed with prior U.S. Application No. 10/226,373 filed on August 21, 2002.
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Substitute for form 1449A INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/693,600
				Filing Date	10/23/2003
				First Named Inventor	Hartman et al.
				Art Unit	2834
Examiner Name	Iraj A Mohandesi				
Attorney Docket Number	20012.01.CIP				
Sheet	1	of	2		

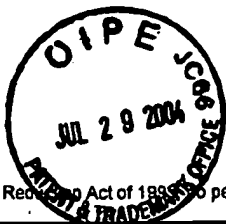
U.S. PATENT DOCUMENTS**					
Examiner Initials*	Cite No. ¹	Document Number	Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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		Country Code ² - Number ² - Kind Code ² (if known)				
IM	AI	JP 2001-136707	05-18-2001	Nissha Engineering KK		X
IM	AJ	WO 01/31764 A1	05-03-2001	Komazumi Takayuki et al.	English Abstract	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/693,600
				Filing Date	10/23/2003
				First Named Inventor	Hartman et al.
				Art Unit	2834
				Examiner Name	Iraj A Mohandesi
Sheet	2	of	2	Attorney Docket Number	20012.01.CIP

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Citation No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
IM	AK	Aladdin Power Specifications. "AladdinPower Systems". Nissho Engineering Co., Ltd. 7/24/2004. http://www.nseg.co.jp/english/products/aladdin/index.htm .	
IM	AL	Step Charger Specifications. "Stepcharger". Nissho Engineering Co., Ltd. 7/24/2004. http://www.nseg.co.jp/english/products/step/index.htm .	
IM	AM	NEASIA Online. Powered by Nikkei Electronics Asia. "Cover Story: Portable Devices Become Self-Chargeable". 7/24/2004. http://neasia.nikkeibp.com/nea/200308/conele_259890.html .	

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